PROPOSITION 13 GROUNDWATER STORAGE CONSTRUCTION GRANTS
FISCAL YEAR 2003-2004

SUMMARY OF PROJECTS RECOMMENDED FOR FUNDING
LISTED ALPHABETICALLY

APPLICANT PROJECT TITLE AND DESCRIPTION	COUNTY	RECOMMENDED FUNDING
Arvin-Edison Water Storage District *Arvin-Edison WSD Multi-Benefit Groundwater Storage Expansion Project* The project consists of expanding the Sycamore Spreading Works by about 90 acres, expanding the N1 Balancing Reservoir by about 30 acres, and constructing four recovery/extraction wells. The Sycamore Expansion, located on the eastern edge of the District, consists of expanding the current groundwater recharge and recovery operation. Facilities include the construction of nine basins and 11 inter-basin structures. The recharged water will be pumped from the aquifer by the District's existing extraction wells. The N1 Expansion, located in the northern half of the District, consists of adding two additional ponds and four recovery/extraction wells.	Kern	$2,000,000
Butte Water District *Butte Water District Conjunctive Management* The proposed project involves the installation and development of two production wells (with average depths of about 500 feet) and three monitoring wells, as well as some modification work on a conveyance canal. The applicant is proposing in-lieu recharge operations and percolation from rice fields to contribute to natural recharge induced by pumping the full basin. The impact of the proposed groundwater extraction and recharge on the basin groundwater level would be monitored to track groundwater levels and quality.	Butte / Sutter	$1,397,149
East Bay Municipal Utility District *Bayside Groundwater Project* The Bayside Groundwater Project consists of construction of two new ASR wells, twelve monitoring wells, a 5 MGD water treatment plant, new well field pipelines and a new 24-inch main, a blending facility, a borehole extensometer, and conversion of an existing production well to an ASR well. The purpose of the program is to inject potable water into aquifers of the East Bay Plain during period of surplus and extract stored water during emergencies or drought. The goals of the program are to increase dry year water supplies and increase the District's water system operational flexibility.	Alameda	$3,273,000
Eastern Municipal Water District *Hemet / San Jacinto Recharge and Recovery Program* The Hemet/San Jacinto Recharge and Recovery Program would construct 15 recharge ponds on a 100 acre site in the San Jacinto River channel, new pipelines, pump station upgrades, and new monitoring wells. This will deliver an annual average of 7,500 AF/yr of untreated SWP water into the Upper Pressure subbasin of the eastern portion of the San Jacinto groundwater basin. Goals include an increase in the capacity of the Upper Pressure Subbasin to assimilate salt loads associated with recycled water; accommodate a federal water rights settlement with the Soboba band of Luiseno Indians; offset overdraft of 10,000 AF/yr; and operate using lowest cost technologies, facilities, and sources of water.	Riverside	$4,397,750
Fresno Irrigation District *Waldron Banking Facility* The Waldron Banking Facility is a groundwater recharge and recovery project that will provide water to urban suppliers, agricultural suppliers, and potentially facilitate the environmental benefits of improving a river fishery. The project is to expand the existing Waldron Pond recharge facility to 270 acres and includes: construction of 13 new recharge basins with diversion structures and delivery pipelines; eight recovery wells; five monitor wells; and improvements to the canals delivering water to the facility.	Fresno	$4,615,072

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Golden Hills Community Services District *Antelope Groundwater Storage and Conjunctive Water Use Project to Provide Reliable Safe Drinking Water to the Golden Hills Community* Contracted surface water supplies would be delivered through an existing pipeline for groundwater recharge at the existing Antelope Dam recharge facilities. The District proposes to recover the stored water by constructing a new extraction well located down gradient from the recharge facilities. The recovered water would be conveyed to the District's distribution system through the proposed 3 mile 12-inch transmission pipeline. Antelope Dam is owned and operated by the Watermaster of the adjudicated Tehachapi basin.	Kern	$740,500
Inland Empire Utilities Agency *Chino Basin Conjunctive Use Expansion Program* The Inland Empire Utilities Agency, in cooperation with the Chino Basin Watermaster, is proposing an innovative mix of facilities that constitute the Chino Basin Conjunctive Use Expansion Program: six wellhead treatment facilities for perchlorate; Upland Recharge Basin improvements; expansion of the Chino II Desalter; and Phase III recycled water conveyance facilities.	San Bernardino	$15,000,000
Kern Delta Water District *Kern Delta Water District Westside Groundwater Storage Project* The proposed project consists of constructing six new wells, modifying two existing wells, and constructing approximately 660 acres of spreading basins along the District's Buena Vista canal. The project facilities would be used to recharge up to 125,000 AF of MWD water for subsequent withdrawal over a 25-year agreement period. The proposed project would store up to 49,000 AF/yr of various surface water supplies and provide areas of restored habitat for local threatened and endangered species.	Kern	$5,177,950
Kings River Conservation District *Alta Irrigation District Coordinated Groundwater Storage Project* The applicant, in cooperation with Alta Irrigation District (AID), proposes to construct two recharge basins and three extraction wells. One project recharge site will also be developed in coordination with the City of Dinuba. These projects will enhance AID's storage capabilities and facilitate conjunctive use operations.	Fresno	$2,737,753
Los Angeles County Department of Public Works *Big Tujunga – San Fernando Basin Groundwater Storage Enhancement Project* The proposed project will provide for the necessary improvement of the Los Angeles County Department of Public Works conjunctive use facilities to capture, detain, and recharge an additional 4,500 AF/yr of storm water in the San Fernando Basin. The proposed modification of Big Tujunga Dam and reservoir will include construction of a concrete buttress on the downstream face of the dam to provide structural stability to detain storm water flows up to a maximum storage capacity of approximately 6,000 AF per storm event. The project will also include the installation of new outlet valves and operation systems and modifying the operation plans of both the dam and spreading grounds.	Los Angeles	$5,809,250

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Lower Tule River Irrigation District *Water Supply Enhancement Program* The Lower Tule River Irrigation District proposes in-lieu and direct recharge benefits by enhancing surface water conveyance from the Tule River at the North Canal. The project includes new head works, two road crossings, outlet structures, and ditch improvements. Direct recharge will be achieved by surface water deliveries to the Toledo Basin and earthen ditch seepage.	Kings / Tulare	$700,000
Pajaro Valley Water Management Agency *Pajaro Valley Water Management Agency Basin Management Program* The project will include the construction of: 1) a 22-mile pipeline to connect the Pajaro Valley to the San Felipe Water System; 2) construction or acquisition of 17 supplemental wells along the pipeline route to allow banked groundwater to be delivered through the pipeline; and 3) construction of a 26-mile coastal distribution that allows the agency to deliver piped water to coastal properties, allowing these properties to stop pumping water from their groundwater wells.	Santa Cruz	$28,636,713
Stockton East Water District *Farmington Groundwater Storage Program - Phase 1 : Peters Pipeline Project* The proposed project involves the construction of a 6 mile long 54-inch pipeline and 10 extraction wells as part of phase 1 of the Farmington Groundwater Storage Project. The pipeline would convey wet season water supplies from the Calaveras and Stanislaus rivers to existing and future recharge basins and flooded fields covering about 300 acres. Stored water would be extracted using existing and the proposed wells and delivered to irrigation fields through the proposed pipeline. Several turnout structures are also proposed along the pipeline to direct water towards recharge facilities.	San Joaquin	$3,700,630
Sutter Extension Water District *Sutter Extension Water District Conjunctive Management Program* Two groundwater production wells will be constructed to augment the applicant's water supply, to replace surface water that would normally be diverted from the Feather River and to provide an additional water supply to help meet the requirements of the Bay-Delta Water Quality Control Plan. The recharge program includes natural recharge, increased rice decomposition (direct recharge), and in-lieu recharge. Nine monitoring wells would be installed at three locations to measure water levels and water quality monthly. Development of a database management process will also be part of this project.	Sutter	$1,510,897
West Basin Municipal Water District *Seawater Barrier Water Conservation Project* The proposed project is an expansion and upgrade of the West Basin Water Recycling Plant to receive and treat (microfiltration, reverse osmosis, and UV-disinfection) more water for injection of recycled water for the seawater barrier. The source of water for the proposed project is secondary treated wastewater effluent from the Hyperion Treatment Plant which is usually discharged into the ocean. The project would reduce dependency on imported water supply and increase recycled water development.	Los Angeles	$9,000,000